| Electronic Acknowledgement Receipt | | | | | |
|--------------------------------------|--|--|--|--|--|
| EFS ID: | 2319709 | | | | |
| Application Number: | 10765665 | | | | |
| International Application Number: | | | | | |
| Confirmation Number: | 9834 | | | | |
| Title of Invention: | Bit mapping for variable-size higher-order digital modulations | | | | |
| First Named Inventor/Applicant Name: | Gottfried Ungerboeck | | | | |
| Customer Number: | 34399 | | | | |
| Filer: | Bruce Emory Garlick | | | | |
| Filer Authorized By: | | | | | |
| Attorney Docket Number: | BP2917 | | | | |
| Receipt Date: | 15-OCT-2007 | | | | |
| Filing Date: | 27-JAN-2004 | | | | |
| Time Stamp: | 14:19:47 | | | | |
| Application Type: | Utility under 35 USC 111(a) | | | | |
| Payment information: | | | | | |

Payment information:

| Submitted with Payment | yes |
|--|-------|
| Payment was successfully received in RAM | \$120 |
| RAM confirmation Number | 7466 |
| Deposit Account | |

File Listing:

| Document | Document Description | File Name | File Size(Bytes) | Multi | Pages |
|----------|----------------------|--------------------------------|------------------|------------|------------|
| Number | Document Description | cument description File Name | /Message Digest | Part /.zip | (if appl.) |

| 1 | Amendment - After Non-Final | BP2917_ROA_as_filed_10_ | 111418 | no | 17 | | |
|--------------------------|------------------------------------|--|--|-----|----|--|--|
| 1 | Rejection | 15_07.pdf | aa926940975c5de847e51680cb20441 680812024 | 110 | | | |
| Warnings: | | | | | | | |
| Information | : | | | | | | |
| | Drawings-only black and white line | BP2917_Amended_FIG5AB | 33334 | no | 1 | | |
| 2 | 2 drawings drawings | C.pdf | 186fba3412be6503cd10b1f8e57cb9a6 38c2de46 | no | | | |
| Warnings: | | | | | | | |
| Information | : | | | | | | |
| | E | DD0047 Ama Fatadi | 24470 | | | | |
| 3 Extension of Time | BP2917_1mo_Ext.pdf | 063699c7ec993t875b649980ab2b08ad a630c3bf | no | 1 | | | |
| Warnings: | Warnings: | | | | | | |
| Information | : | | | | | | |
| 4 Fee Worksheet (PTO-06) | Foo Workshoot (PTO 06) | fac into not | 8151 | no | 2 | | |
| | fee-info.pdf | 97d1d6813c5f0c005617df1160887bf6f 6db5a05 | no | | | | |
| Warnings: | | | | | | | |
| Information | : | | | | | | |
| | | Total Files Size (in bytes): | 177373 | | | | |
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.